

Demande de la CNER faisant l'objet d'un examen préalable #125518
Whale Cove quarry site #4

Personnel on site: 2

Days on site: 1800

Total Person days: 3600

Operations Phase: from 2020-04-01 to 2040-04-01

Activités

Emplacement	Type d'activité	Statut des terres	Historique du site	Site à valeur archéologique ou paléontologique	Proximité des collectivités les plus proches et de toute zone protégée
quarry boundary	Quarry/Borrow pit	Commissioners	This site has no prior use.	To the best of my knowledge there is no Archaeological or Paleontological value within or around the quarry boundary.	The quarry is located approximately 7.2 kilometres north from the Hamlet of Whale Cove. There are no known protected areas within or around the quarry

Engagement de la collectivité et avantages pour la région

Collectivité	Nom	Organisme	Date de la prise de contact
Whale Cove	Jeani MacKenzie, Senior Administrative Officer	Hamlet of WHale Cove	2020-03-25
Rankin Inlet	Brian Duguay, Manager, Facilities Engineering	Government of Nunavut- Nunavut Airports Division	2020-03-24

Autorisations

Indiquez les zones dans lesquelles le projet est situé:

Kivalliq

Autorisations

Organisme de régulation	Description des autorisations	État actuel	Date de l'émission/de la demande	Date d'échéance
Government of Nunavut, Community Government & Services	The quarry boundary is located on Untitled Municipal Land, which is administered by CGS. CGS is the applicant.	Active		
Hamlets and Municipalities	Once a legal survey is done for the quarry, ownership will be transferred to the Hamlet. Senior administrative officer gave consent to move forward with this application.	Active	2020-03-24	

Project transportation types

Transportation Type	Utilisation proposée	Length of Use
Land	An extra 500 metres of road length will be constructed to reach the quarry. Dump trucks and loaders will be used to extract quarry material	

Project accomodation types

Collectivité

Utilisation de matériel

Équipement à utiliser (y compris les perceuses, les pompes, les aéronefs, les véhicules, etc.)

Type d'équipement	Quantité	Taille – Dimensions	Utilisation proposée
loader	1	5.7m x 2.7m x1.5m	excavate quarry material
dump truck	1	8m x 2.5m x 3.4m	haul quarry material

Décrivez l'utilisation du carburant et des marchandises dangereuses

Décrivez l'utilisation de carburant :	Type de carburant	Nombre de conteneurs	Capacité du conteneur	Quantité totale	Unités	Utilisation proposée
Information is not available						

Consommation d'eau

Quantité quotidienne (m3)	Méthodes de récupération de l'eau proposées	Emplacement de récupération de l'eau proposé
0		

Déchets

Gestion des déchets

Activités du projet	Type des déchets	Quantité prévue	Méthode d'élimination	Procédures de traitement supplémentaires
Information is not available				

Répercussions environnementales :

The natural vegetation such as moss and other arctic plants on the surface will be destroyed due to the extraction process of the aggregate. After the quarry is depleted of usable aggregate, the edges of the quarry will be smoothed out to prevent steep inclines. The Vegetation will grow back over time. There are 4 small ponds located around the quarry boundary. In order to minimize the disturbance, we will only extract aggregate within a reasonable distance from these ponds.

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

SECTION B2: Exploration Activity

SECTION B3: Geosciences

SECTION B4: Drilling

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

(see attached document named Whale Cove quarry site #4- environmental)

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup

SECTION G1: Well Authorization

SECTION G2: Onland Exploration

SECTION G3: Offshore Exploration

SECTION G4: Rig

SECTION H1: Vessel Use

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

Description de l'environnement existant : Environnement physique

(see attached document named Whale Cove quarry site #4- environmental)

Description de l'environnement existant : Environnement biologique

(see attached document named Whale Cove quarry site #4- environmental)

Description de l'environnement existant : Environnement socio-économique

(see attached document named Whale Cove quarry site #4- environmental)

Miscellaneous Project Information

(see attached document named Whale Cove quarry site #4- environmental)

Identification des répercussions et mesures d'atténuation proposées

Nothing else to add other than what was mentioned in the Impacts tab

Répercussions cumulatives

(see attached document named Whale Cove quarry site #4- environmental)

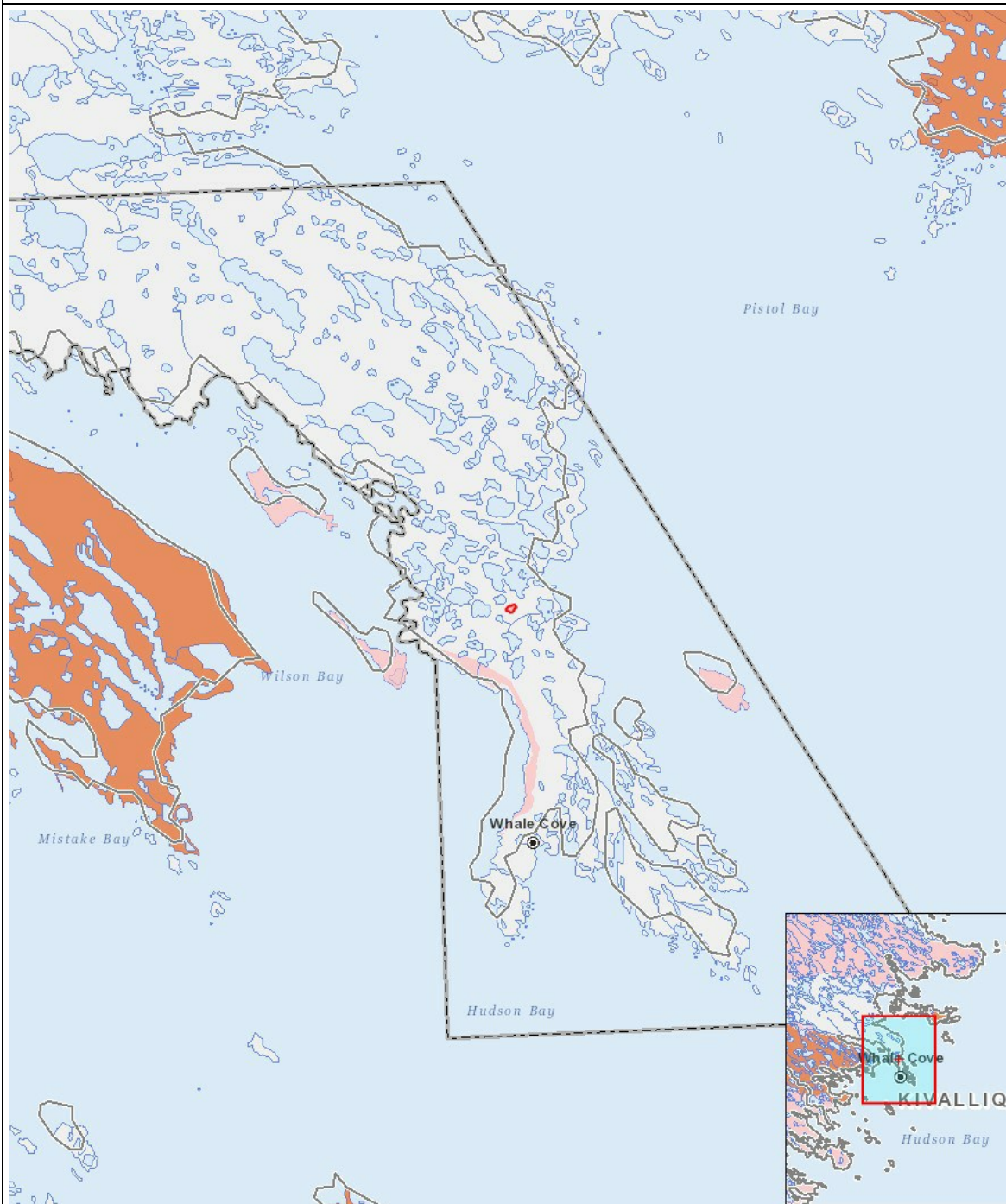
Impacts

Identification des répercussions environnementales

		PHYSICAL	Designated environmental areas	Ground stability	Permafrost	Hydrology / Limnology	Water quality	Climate conditions	Eskers and other unique or fragile landscapes	Surface and bedrock geology	Sediment and soil quality	Tidal processes and bathymetry	Air quality	Noise levels	BIOLOGICAL	Vegetation	Wildlife, including habitat and migration patterns	Birds, including habitat and migration patterns	Aquatic species, incl. habitat and migration/spawning	Wildlife protected areas	SOCIO-ECONOMIC	Archaeological and cultural historic sites	Employment	Community wellness	Community infrastructure	Human health
Construction																										
-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
Exploitation																										
Quarry/Borrow pit		-	U	U	-	-	U	-	-	U	-	-	N		N	-	-	-	-		-	P	P	P	-	-
Désaffectation																										
-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-

(P = Positive, N = Négative et non gérable, M = Négative et gérable, U = Inconnue)

Site du projet



Liste des géométries de projet

1	polygon	quarry boundary
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